

INFORMATION  
DISCLOSURE  
STATEMENT BY APPLICANT

Sheet 1 of 1

Application Number: 10/028,922  
Filing Date: 12/19/2001  
First Named Inventor: Daniel HOFFMAN, et al.  
Group Art Unit: 2817  
Examiner Name: Unknown  
Attorney Docket Number: 4097 P02

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
M	US-6,089,182	07-18-2000	HAMA	118	723	09-30-1997
M	US-2003/0168427A1	09-11-2003	FLAMM ET AL.	216	2	11-18-1996

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Mark Paschall

Examiner's Signature: Primary Examiner Date Considered: 2/6/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
hy	US-5,107,170	04-21-1992	ISHIKAWA ET AL.	313	362.1	10-17-1989
n	US-6,213,050 B1	04-10-2001	LIU ET AL.	118	723	12-01-1998

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

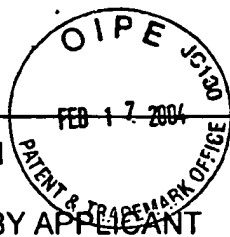
NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature: Mark Paschall  
Primary Examiner

Date Considered: 2 \* 05

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U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Issue Date	Name of Patentee of Applicant of Cited Document	Class	Subclass	Filing Date
M	US-5,175,472	12-29-1992	JOHNSON, JR. ET AL.	315	111.21	12-30-1991
	US-5,273,610	12-28-1993	THOMAS, III ET AL.	156	627	06-23-1992
	US-5,325,019	06-28-1994	MILLER ET AL.	315	111.21	08-21-1992
	US-5,467,013	11-14-1995	WILLIAMS ET AL.	324	127	12-07-1993
	US-5,474,648	12-12-1995	PATRICK ET AL.	156	627.1	07-29-1994
	US-5,556,549	09-17-1996	PATRICK ET AL.	216	61	05-02-1994
	US-5,576,629	11-19-1996	TURNER ET AL.	324	709	10-24-1994
	US-5,770,922	06-23-1998	GERRISH ET AL.	315	111.21	06-22-1996
	US-5,929,717	07-27-1999	RICHARDSON ET AL.	333	17.3	01-09-1998
	US-5,939,886	08-17-1999	TURNER ET AL.	324	464	11-18-1996
	US-5,971,591	10-26-1999	VONA ET AL.	364	478.08	10-20-1997
	US-6,174,450 B1	01-16-2001	PATRICK ET AL.	216	61	04-16-1997
	US-6,291,999 B1	09-30-1998	NISHIMORI ET AL.	324	464	09-30-1998
M	US-6,449,568 B1	09-10-2002	GERRISH	702	60	02-27-1998

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Examiner Initials	Foreign Patent Document	Date	Country	Name	Translation? (Yes/No/n/a)

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Examiner Initials	
M	King, Ronald W.P., "Transmission-line Theory", McGraw-Hill Book Company, pp. 1-10 and 282-286, USA.

Examiner's Signature:

Mark Paschnall

Primary Examiner

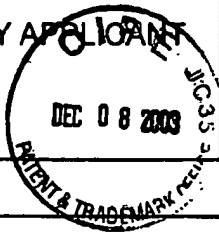
Date Considered:

2-2-05

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U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
M	US-5,225,024	07-06-1993	HANLEY ET AL.	156	345	08-22-1991

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
M	EP 0 343 500 A1	29.11.89	EUROPE	SATO MASAOKI ET AL.	N/A

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature:

Mark Paschall

Date Considered:

2/2/03

Primary Examiner

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U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
M	US-6,016,131	01-18-2000	SATO ET AL.	343	895	05-03-1999
M	US-6,218,312 B1	04-17-2001	COLLINS ET AL.	438	723	10-08-1998
N	US-6,462,481 B1	10-08-2002	HOLLAND ET AL.	315	111.21	07-06-2000

FOREIGN PATENT DOCUMENTS

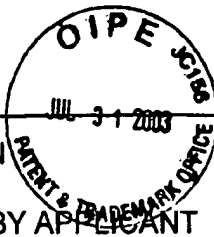
Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature: Mark Pascnall  
Primary Examiner Date Considered: 2/2/05

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
<i>m</i>	EP 0 719 447 B1	22.07.1998	EUROPE	BEATRICE ANNARATONE, ET AL.	N/A

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature:

Mark Paschnall

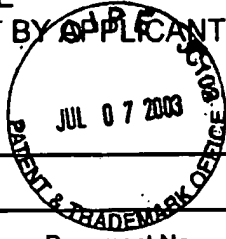
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U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
<i>h</i>	US-5,401,351	03-28-1995	SAMUKAWA	156	345	01-27-1994
<i>n</i>	US-6,245,190 B1	06-11-2001	MASUDA ET AL.	156	345	03-26-1998
<i>M</i>	US-6,451,703 B1	009-17-2002	LIU ET AL.	438	710	03-10-2000
<i>a</i>	US-6,528,751 B1	03-04-2003	HOFFMAN ET AL.	219	121.43	03-17-2000

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Mark Paschall

Primary Examiner

Examiner's Signature:

Date Considered:

2/2/05

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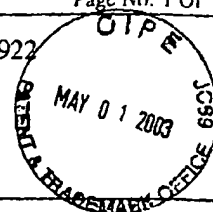
**INFORMATION  
DISCLOSURE  
CITATION FORM FOR  
PATENT APPLICATION  
(FORM PTO - 1449)**

Docket No.: 4097 P02

Serial No.: 10/028,922

Applicant(s): Daniel HOFFMAN, et al.

Filing Date: December 19, 2001 Group: 2817



**U. S. PATENTS**

Initials	Patent No	Issue Date	Name	Class	Subclass	Filing Date
M	5,312,778	05-17-94	COLLINS ET AL.	437	225	11-23-90

**FOREIGN PATENT DOCUMENTS**

Initials	Document Number	Date	Country	Name	Translation? (Yes/No/n/a)
M	WO 01/71765	27.09.2001	WIPO	DANIEL HOFFMAN, ET AL.	N/A

Initials	Other Documents (Title, Author, Date, Pages, Etc., if known)

Examiner's Signature: <b>Mark Paschali</b> <b>Primary Examiner</b>	Date Considered: <b>5/2/05</b>
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INFORMATION  
DISCLOSURE  
CITATION FORM FOR  
PATENT APPLICATION  
(FORM PTO - 1449)

Docket No.: 4097 P02

Serial No.: 10/028,922

Applicant(s): HOFFMAN, ET AL.

Filing Date: 12-19-01

Group: 2817

## U. S. PATENTS

Initials	Patent No	Issue Date	Name	Class	Subclass	Filing Date
<i>PM</i>	5,554,223	09-10-96	IMAHASHI	118	732	03-04-94
<i>PM</i>	5,595,627	01-21-97	INAZAWA ET AL.	156	643.1	02-02-96
<i>M</i>	5,660,671	08-26-97	HARADA ET AL.	156	345	06-28-94

## FOREIGN PATENT DOCUMENTS

Initials	Document Number	Date	Country	Name	Translation? (Yes/No/n/a)
Initials	Other Documents (Title, Author, Date, Pages, Etc., if known)				

Examiner's Signature:

Mark Pascual  
Primary Examiner

Date Considered:

2-2-05

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INFORMATION  
DISCLOSURE  
CITATION FORM FOR  
PATENT APPLICATION  
(FORM PTO - 1449)

JUL 18 2002

Docket No.: 4097 P02

Serial No.: 10/028,922

Applicant(s): DANIEL HOFFMAN, ET AL.

Filing Date: 12/19/01

Group: 2817

## U. S. PATENTS

Initials	Patent No	Issue Date	Name	Class	Subclass	Filing Date
M	5,006,760	04-09-91	DRAKE JR.	315	111.21	01-09-87
	5,055,853	10-08-91	GARNIER	343	769	10-03-88
	5,089,083	02-18-92	KOJIMA ET AL.	156	643	04-20-90
	5,140,223	08-18-92	GESCHE ET AL.	315	111.21	09-25-89
	5,213,658	05-25-93	ISHIDA	156	643	01-23-91
	5,246,532	09-21-93	ISHIDA	156	345	12-10-92
	5,463,525	10-31-95	BARNES ET AL.	361	234	12-20-93
	5,662,770	09-02-97	DONOHUE	438	716	04-16-93
	5,685,914	11-11-97	HILLS ET AL.	118	723	04-05-94
	5,792,376	08-11-98	KANAI ET AL.	216	71	12-29-95
	5,904,799	05-18-99	DONOHUE	156	345	09-06-95
	5,997,962	12-07-99	OGASAWARA ET AL.	427	535	06-28-96
	6,113,731	09-05-00	SHAN ET AL.	156	345	01-02-97
	6,142,096	11-07-00	SAKAI ET AL.	118	723	05-15-97
	6,188,564	02-13-01	HAO	361	234	03-31-99
	6,251,216	06-26-01	OKAMURA ET AL.	156	345	12-16-98
	6,262,538	07-17-01	KELLER	315	111.21	08-26-99
	6,290,806	09-18-01	DONOHUE	156	345	03-24-97
	6,337,292	01-08-02	KIM ET AL.	438	787	10-29-99
V	6,346,915	02-12-02	OKUMURA ET AL.	343	701	08-03-00
M	re37,580	03-12-02	BARNES ET AL.	361	234	03-18-99

Examiner's Signature:

Mark Paschall  
Primary Examiner

Date Considered:

2/2/05

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Docket No.: 4097 P02

Serial No.: 10/028,922

Applicant(s): HOFFMAN, ET AL.

Filing Date: 12-19-01

Group: UNKNOWN

## U. S. PATENTS

Initials	Patent No	Issue Date	Name	Class	Subclass	Filing Date
M	5,032,202	07-16-91	TSAI ET AL.	156	345	10-03-89
	5,115,167	05-19-92	OOTERA ET AL.	315	111.21	04-04-89
	5,198,725	03-30-93	CHEN ET AL.	315	111.41	07-12-91
	5,210,466	05-11-93	COLLINS ET AL.	315	111.21	03-13-92
	5,223,457	06-29-93	MINTZ ET AL.	437	225	10-11-91
	5,300,460	04-05-94	COLLINS ET AL.	437	225	03-16-93
	5,567,268	10-22-96	KADOMURA	156	345	01-19-95
	5,587,038	12-24-96	CECCHI ET AL.	156	345	07-16-94
	5,605,637	02-25-97	SHAN ET AL.	216	71	12-15-94
	5,618,382	04-08-97	MINTZ ET AL.	216	64	06-25-93
	5,674,321	10-07-97	PU ET AL.	118	723	04-28-95
	5,849,136	12-15-98	MINTZ ET AL.	156	345	11-22-96
	6,096,160	08-01-00	KADOMURA	156	345	04-16-97
	6,110,395	08-29-00	GIBSON JR.	216	67	08-26-97
M	6,155,200	12-05-00	HORIKE ET AL.	118	723	07-02-98

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Initials	Document Number	Date	Country	Name	Translation? (Yes/No/n/a)

Initials	Other Documents (Title, Author, Date, Pages, Etc., if known)

Mark Paschall

Examiner's Signature: Primary Examiner

Date Considered:

2/2/05

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<b>INFORMATION DISCLOSURE CITATION FORM FOR PATENT APPLICATION (FORM PTO - 1449)</b>		Docket No.: 4097 P02      Serial No.: To be assigned  Applicant(s): HOFFMAN, ET AL.  Filing Date: Herewith      Group: Unknown		<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> 11002 U.S. PTO 10/028922 12/19/01 </div> </div>		
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Initials	Patent No	Issue Date	Name	Class	Subclass	Filing Date
M	4,464,223	08-07-84	GORIN	156	643	10-03-83
	4,579,618	04-01-86	CELESTINO ET AL.	156	345	10-29-84
	4,859,908	08-22-89	YOSHIDA ET AL.	315	111.81	09-23-87
	4,973,883	11-27-90	HIROSE ET AL.	315	111.41	04-29-88
	4,990,229	02-05-91	CAMPBELL ET AL.	204	298.06	06-13-89
	5,017,835	05-21-91	OECHSNER	315	111.81	03-16-88
	5,077,499	12-31-91	OKU	315	111.21	11-21-90
	5,122,251	06-16-92	CAMPBELL ET AL.	204	298.06	02-04-91
	5,195,045	03-16-93	KEANE ET AL.	364	482	02-27-91
	5,272,417	12-21-93	OHMI	315	111.21	11-13-90
	5,274,306	12-28-93	KAUFMAN ET AL.	315	111.41	07-29-92
	5,279,669	01-18-94	LEE	118	723	12-13-91
	5,280,219	01-18-94	GHANBARI	315	111.41	04-16-93
V	5,453,305	09-26-95	LEE	427	562	09-02-93
N	5,512,130	04-30-96	BARNA ET AL.	156	651.1	03-09-94
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Initials	Document Number	Date	Country	Name	Translation? (Yes/No/n/a)	
M	0 678 903 A1	25.10.95	EUROPE	MASAYUKI TOMOYASU ET AL.	N/A	
<div style="display: flex; justify-content: space-between;"> <div style="width: 10%;">Initials</div> <div style="width: 90%;">Other Documents (Title, Author, Date, Pages, Etc., if known)</div> </div>						
Examiner's Signature: <i>M. P. Ash</i>				Date Considered: <i>2-2-06</i>		
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Docket No.: 4097 P02

Serial No.: To be assigned

Applicant(s): HOFFMAN, ET AL.

Filing Date: Herewith

Group: Unknown

**U. S. PATENTS**

Initials	Patent No	Issue Date	Name	Class	Subclass	Filing Date
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	5,537,004	07-16-96	IMAHASHI ET AL.	315	111.21	04-29-94
	5,627,435	05-06-97	JANSEN ET AL.	315	111.21	02-15-96
	5,705,019	01-06-98	YAMADA ET AL.	156	345	04-23-96
	5,592,055	01-07-97	CAPACCI ET AL.	315	111.21	10-17-95
	5,707,486	01-13-98	COLLINS	156	643.1	01-16-96
	5,710,486	01-20-98	YE ET AL.	315	111.21	05-08-95
	5,720,826	02-24-98	HAYASHI ET AL.	136	249	05-29-96
	5,733,511	03-31-98	DE FRANCESCO	422	186.05	11-21-95
	5,846,885	12-08-98	KAMATA ET AL.	438	729	08-23-96
	5,849,372	12-15-98	ANNARATONE ET AL.	427	569	03-18-96
	5,855,685	01-05-99	TOBE ET AL.	118	723	10-03-96
	5,858,819	01-12-99	MIYASAKA	438	149	06-15-95
V	5,863,376	01-26-99	WICKER ET AL.	156	345	06-05-96
M	5,914,568	06-22-99	NONAKA	315	111.21	03-13-98

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Initials	Other Documents (Title, Author, Date, Pages, Etc., if known)				

Examiner's Signature:

M<sup>P</sup> Mark Pascnall  
Primary Examiner

Date Considered:

2/2/05

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Group: Unknown

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M	6,043,608	03-28-00	SAMUKAWA ET AL.	315	111.51	10-31-97
M	6,093,457	07-25-00	OKUMURA ET AL.	427	569	03-26-98
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Examiner's Signature:

**Primary Examiner**

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